



Patent  
Atty. Docket No. GEMS8081.188

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Ward et al.  
Serial No. : 10/707,483  
Filing Date : December 17, 2003  
Title : Method and Apparatus of Reducing Artifacts  
In Phase-Cycled Steady-State Free Precession  
Imaging  
Group Art No. : Unknown  
Examining Attorney : Unknown

**CERTIFICATION UNDER 37 CFR 1.8(a) and 1.10**

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**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97/99**

Dear Sir:

In compliance with Applicant's duty of disclosure as set forth in 37 C.F.R. §1.56, listed on the attached equivalent to Form PTO-1449 are those patents, publications and other

**Inventor: Ward et al.**

**S/N: 10/707,483**

information known to the Applicant(s) which may be considered material to the patentability of the claims of the above-captioned application. **One copy of each reference is attached.**

This IDS supplements the IDS electronically filed on 12/17/2003.

Applicant respectfully request that the documents listed on the attached equivalent to Form PTO-1449 be considered by the Examiner, that the references be made of record in the present application, and that an initialed copy of the duplicate equivalent to Form PTO-1449 be returned to the undersigned in accordance with MPEP 609.

Respectfully submitted,



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Date: January 13, 2004  
Atty. Docket No.: GEMS8081.188

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PTO/SB/08A (08-00)

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

### Complete if Known

|                        |                   |
|------------------------|-------------------|
| Application Number     | 10/707,483        |
| Filing Date            | December 17, 2003 |
| First Named Inventor   | Ward et al.       |
| Group Art Unit         | Unknown           |
| Examiner Name          | Unknown           |
| Attorney Docket Number | GEMS8081.188      |

Sheet 1 of 1

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|-----------------------|--------------------------|---|----------------|
|                       |                          | CASSELMAN, J. et al., "Constructive Interference in Steady State-3DFT MR Imaging of the Inner Ear and Cerebellopontine Angle", AJNR, 1993, vol. 14, pp. 47-57.  |                |
|                       |                          | VASANAWALA, S. et al., "Linear Combination Steady-State Free Precession MRI", Magnetic Resonance in Medicine, 2000, vol. 43, pp. 82-90.   |                |
|                       |                          | ZUR, Y. et al., "Motion-Insensitive, Steady-State Free Precession Imaging", Magnetic Resonance in Medicine, 1990, vol. 16, pp. 444-459.   |                |
|                       |                          | FOXALL, D., "Frequency-Modulated Steady-State Free Precession Imaging", Magnetic Resonance in Medicine, 2002, vol. 48, pp. 502-508.   |                |
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| Examiner<br>Signature |  | Date<br>Considered |  |
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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